

Amendments to the Specification

Please replace the paragraph beginning on page 39, line 28 and ending on page 40, line 2 with the following amended paragraph.

Optionally, the ambient levels determined at the block 1212 may be stored. Then, if at the block 1228 it is determined that there are no more gain settings to try, ~~a-a minimum-a minimum~~ ambient level of the stored ambient levels may be determined. Additionally, the frequency corresponding to the minimum ambient level may be determined. Then, the operating frequency may be set to the frequency corresponding to the minimum ambient level.